General sequence of samples in the log is as follows (note that some entri
are out of chronologic order):

V-7-1
V-8-2 & 3
V-10-1
Theta-1, 1-8
V-12, 1-15
V-14, 1-58 (no V-13)
V-14-SAT's and V-14 PB's between V-14-39 & V-14-40
V-15, 1-165
V-16, 1-66
V-17, 1-120 (V-17 RD's between V-17-100 & V-17-113)
V-18, 2-128
V-18 RD's
Yelcho 2, 1-15
Yelcho 1-1
V-15 PB's 1-10
V-10 LDC's 1-27
V-10 RD's 1-3

BENTHIC BIOLOGICAL
SAMPLES FROM
AMERICAN MUSEUM

AMBASSADOR CLASP NO. 93K
SUB. 28 BROWN KRAFT
9¼ x 12¼

Station Log Of Benthic Biological Samples
Obtained By The Lamont Geological Observatory

For the most part biological sampling has been carried out from the R/V Vema; in 1956 a second vessel, Theta, was employed, and in 1961 and 1962 a Chilean vessel, Yelcho, was used.

Station numbers usually consist of three parts: an initial (V = Vema, T = Theta, Y = Yelcho); a cruise number; and a sample number (cumulative for each cruise). Thus, station (or sample) number V-17-36 represents the 36th sample taken on the 17th cruise of Vema.

Latitudes, longitudes, dates, and "minutes on bottom" or "hit" (bottom) and "off" should be self-explanatory.

"Uncorrected fathoms" represent depth readings from depth recorders aboard the ship. "Corrected depths in meters" are depths which have been corrected for depth variation of the velocity of sound in water and are to be regarded as the true depth of a given sample.

The usual sampling gear utilized is a "standard benthic trawl" a dredge whose opening is approximately one meter wide and about 15 centimeters high, to which nylon netting is attached. Other collecting gear used includes a so-called pebble dredge (PB in the station number column to the left), a rock dredge (RD in the station number column), and large diameter cores (LDC). SAT refers to a series of trawls taken off South Africa in 1958.

General sequence of samples in the log is as follows (note that some entries are out of chronologic order):

V-7-1
V-8-2 & 3
V-10-1
Theta-1, 1-8
V-12, 1-15
V-14, 1-58 (no V-13)
V-14-SAT's and V-14 PB's between V-14-39 & V-14-40
V-15, 1-165
V-16, 1-66
V-17, 1-120 (V-17 RD's between V-17-100 & V-17-113)
V-18, 2-128
V-18 RD's
Yelcho 2, 1-15
Yelcho 1-1
V-15 PB's 1-10
V-10 LDC's 1-27
V-10 RD's 1-3

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-7-1	20 3.2	N	68 21.1	W	12	11	1958			30	-	-	-	27004983 27105001		—	—	—	EBTOC
V-8-2	11 16.6	N	79 14.4	W	1	12	55			30	8	-	-	1825	3447	—	—	—	EBTOC
V-8-3	16 59.1	N	79 07.9	W	15	12	55			30	-	-	-	625	1172	—	—	—	EBTOC
V-10-1	36 10	N	2 53.5	W	2	9	56			30	78	-	-	703	1339				EBTOC
THETA-1-1	27 05-06	N	15 17.9 19.4	W	8	9	56			30	CAM-ERA CORE	-	-	1612	3040	—	—	—	EBT
THETA-1-3	26 7-28.9	N	22 12.0 12.2	W	11	9	56			30	CAM-ERA CORE	51		2507	4763	7.5		2.8	EBT
THETA-1-4	29 17.6	N	57 20.3	W	23	9	56			30	CAM-ERA CORE	58		3059	5781	5.9		2.1	EBT
THETA-1-5	31 30.3 33.5	N	64 12.5	W	25	9	56			30	CAM-ERA CORE	59		2378	4516				EBT
THETA-1-6	31 41-43	N	65 15.5 68 08	W	26	9	56			30	CAM-ERA CORE	60		2728	5159	6.2		2.2	EBT
THETA-1-7	32 16.4 21.5	N	69 08.8 13.4	W	27	9	56			30	CAM-ERA CORE	61		2811	5352			2.2	EBT
THETA-1-8	38 33.1 35.7	N	72 32.1-34.4	W	30	9	56			30	CAM-ERA CORE	62		1209	2261				EBT
V-12-1A	38 58.5	S	41 45	W	6	4	57			30	58			2669	5041				LBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-12-1B	40 10	S	6 05	W	15	4	57			30	59			2139	4025			1.25	SBT
V-12-2	30 14.9	S	13 03	E	30	4	57			30	60	2		1635	3045	4.8		2.43	SBT
V-12-3	28 25.2	S	8 28.5	E	2	5	57			30	61			2623	4986				SBT
V-12-4	25 33	S	12 27	E	3	5	57			30	62			1593	2972				SBT
V-12-5	24 18	S	14 07.5	E	4	5	57			30	63	3		68	126	2.35		11.6	SBT
V-12-6	23 00	S	08 11	E	7	5	57			30	65			2162	4050			1.35	SBT
V-12-7	22 58.5	S	07 00	E	7	5	57			30	66			1450	2718				SBT
V-12-8	22 41	S	03 16	E	9	5	57			30	68			2628	4981	3.4		2.5	SBT
V-12-9	6 29.5	S	11 22	E	19	5	57			30	70	-		235-249	445-472			—	SBT
V-12-10	5 53.5	S	9 51.5	E	21	5	57			30	73	-	36	1605	3015				SBT
V-12-11	6 19.3	S	8 18.5	E	23	5	57			30	75	-	-	2091	3916			0.76	SBT
V-12-12	5 15	S	8 29	E	24	5	57			30	76	-	-	2090	3951				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-12-13	4 23.9	S	0 18	W	27	5	57			30	78	-	37	2206	4167				SBT
V-12-15	1 52	S	16 04.5	W	1	6	57			30	80	-		2503	4741				SBT
V-14-1	40 26	S	61 13.5	W	30	1	58			9	-	-		20	37				SBT
V-14-2	41 49	S	64 20	W	31	1	58			12	27	-	27	70	129				SBT
V-14-3	43 02	S	61 42	W	1	2	58			11	29			43	79				SBT
V-14-4	44 43	S	61 52	W	2	2	58			16	30			54	99				SBT
V-14-5	45 51	S	61 52	W	3	2	58			10	-	-	-	58	107				SBT
V-14-6	46 47.7	S	62 47	W	4	2	58			10	31	-	-	57	105				SBT
V-14-7	48 40	S	64 22	W	5	2	58			10	32	-	-	56	103				SBT
V-14-8	50 09	S	65 38	W	6	2	58			10	33	-	-	58	107				SBT
V-14-9	51 29.5	S	66 42	W	6	2	58			3	34	-	-	57	105				SBT
V-14-10	53 14	S	68 20	W	8	2	58			3	-	-	-	9	17				SBT

4.

STATION NO.	POSITION LAT. °/ N S	LONG °/ E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-14-11	52-11-S	64-00 W	9	2	58			5	-	-	-	106	195				SBT
V-14-12	52-32-S	61-15-W	10	2	58			10	36			196	361				SBT
V-14-13	54-13-S	60-44-W	12	2	58			17	38			65	119				SBT
V-14-14	54-23-S	65-35 W	19	2	58			10	40			41	75				SBT
V-14-15	52-56-S	66-49.0-W	20	2	58			8	41			47	86				SBT
V-14-16	52-22-S	65-45-W	20	2	58			4	-			63	116				SBT
V-14-18	52-43-S	62-25-W	21	2	58			30	-			167	307				SBT
V-14-19	52-41-S	59-09-W	22	2	58			8	43			59	108				SBT
V-14-21	54-18-S	39-23-W	5	3	58			9	49			130	237				SBT
V-14-22	±55-19-S	±37-57-W	6	3	58	~~07~~		10	—			2000	3725				SBT
V-14-23	55-29-S	37-57-W	6	3	58			39	50			2027	3770				SBT
V-14-24	56-37-S	34-48-W	7	8	58			210	51			1880	3500				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-14-25	56 43	S	27 41	W	9	3	58			36	52	–	–	1490	2747				SBT
V-14-27	57 39	S	13 32	W	7	3	58			190	58	–	–	2040	3798				SBT
V-14-28	45 34	S	06 02	E	28	3	58			195	64	–	38	2450	4618				SBT
V-14-29	41 03	S	07 49	E	30	3	58			58	65	–	–	2640	4961				SBT
V-14-31	36 34	S	14 08	E	4	4	58			31	69	–	42	2600	4893				SBT
V-14-32	34 35	S	17 31	E	6	4	58			30	70A	–	43	980	1861				SBT
V-14-33	34 26	S	17 32	E	6	4	58			16	71	30	–	380	708				SBT
V-14-34	34 055	S	18 06	E	6	4	58			15	72	31	–	94	179				SBT
V-14-35	29 44	S	37 15	E	26	4	58	1611	1850	37	78		47	2643	5013				SBT
V-14-36	28 28	S	44 22	E	29	4	58	2043	2157	24	82	34	49	1218	2270				SBT
V-14-38	20 10	S	56 23.5	E	7	5	58	2058	2700	30	–	37	–	750 – 930	1421 – 1750				SBT
V-14-39	13 01	N	46 34.5	E	6	6	58	0355	0515	35	–	–	–	820	1542				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-14-SAT-1	35 27	S	20 10	E	15	4	58	1617	1646	17	-	-	-	78	147				SAT
V-14-SAT-2	34 20	S	24 40	E	18	4	58	1906	1945	29	73	-	-	56	106				SAT
V-14-SAT-3	34 15	S	25 06.5	E	19	4	58			40	-	-	46	60	114				SAT
V-14-SAT-4	32 52	S	28 12.5	E	20	4	58	1655	1745	40	73A	-	-	37	70				SAT
V-14-SAT-5	31 45	S	29 27	E	21	4	58	1359	1448	42	75	-	-	38	73				SAT
V-14-SAT-6	29 48	S	31 16	E	23	4	58	0121	0154	15	76	32	-	127	242				SAT
V-14-PB1I	14 41	N	42 38.5	E	13	6	58	0825	0839	9	CORE 30	-	-	35	68				PB
V-14-PB1II	14 41	N	42 38.5	E	13	6	58	0842	0900	13	CORE 30	-	-	35	68				SBT
V-14-40I	11 59.4	N	44 21	E	11	6	58	1420	1500	8	112	-	-	628	1184				SBT
V-14-40II	11 59.4	N	44 21	E	11	6	58	1503	1550	16	112	-	-	667	1261				SBT
V-14-41I	15 39	N	41 45	E	14	6	58	0320	0357	3	-	-	-	580	1146				SBT
V-14-41II	15 39	N	41 45	E	14	6	58	0403	0445	14	-	-	-	585	1135				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-14-42	21 07	N	38 07	E	22	6	58	1625	1725	6	-	-	-	1145	2231				SBT
V-14-43I	23 38	N	36 21.5	E	24	6	58	0413	0448	10	-	-	-	551	1061				SBT
V-14-43II	23 38	N	36 21.5	E	24	6	58	0453	0530	11	-	-	-	557	1073				SBT
V-14-44	24 49.5	N	36 16.5	E	26	6	58	1700	1749	19	-	46	-	627	1212				SBT
V-14-45	26 51.5	N	34 38.0	E	27	6	58	2227	2326	34	125	-	-	507	977				SBT
V-14-46I	32 28	N	29 46	E	3	7	58	1600	1655	5	128	-	-	1012	1933				SBT
V-14-46II	32 28	N	29 46	E	3	7	58	1700	1807	21	128	-	-	1010	1938				SBT
V-14-47	33 09	N	26 00	E	8	7	58	1228	1355	20	131	49	-	1280	2455				SBT
V-14-48	34 14	N	24 10	E	9	7	58	1520	1650	29	132	-	-	1324	2505				SBT
V-14-49	35 46	N	23 28	E	10	7	58	1051	1142	19	133	50	-	443	843				SBT
V-14-51	36 15	N	15 32.5	E	13	7	58	2030	2132	24	137	-	-	770 790	1462 DR 1499 DR				SBT
V-14-52	36 29	N	13 23	E	14	7	58	2344	0054	19	139	53	-	890- 880	1698 1678				SBT

STATION NO.	POSITION LAT. ° / N S	LONG ° / E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-14-53	39 05 N	12 11 E	16	7	58	1538	1710	18	-	54	72	1460	2801				SBT
V-14-54	3925 N	10 30 E	25	7	58	0927	1104	36	-	-	-	1450	2781				SBT
V-14-55	3909 N	06 245 E	26	7	58	1544	1725	37	-	56	-	1490	2860				SBT
V-14-56I	40 58 N	01 49 E	28	7	58	2005	2040	10	144	57	-	694	1321				SBT
V-14-56II	40 58 N	01 49 E	28	7	58	2045	2123	13	144	57	-	693	1319				SBT
V-14-57	3900 N	00 50 E	29	7	58	2232	2315	18	-	58	-	523	993				SBT
V-14-58	36 10 N	01 35 W	31	7	58	1535	1700	37	-	-	-	1085	2070				SBT
						TIME ON BOTTOM ON	OFF										
V-15-1	31 54 N	79 05 W	29	10	58	1717	1810	93				220	413				SBT
V-15-2	31 54 N	79 05 W	29	10	58	1813	1920	107				220 220	413 413				SBT
V-15-3	31 54 N	79 05 W	29	10	58	2106	2136	30				220 220	413 413				SBT
V-15-4	27 17 N	77 08 W	1	11	58	1511	1554	30				700 700	1316 1316				SBT
V-15-5	20 30 N	73 16 W	4	11	58	0615	-					1800	4198				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-6	19 26	N	75 09	W	5	11	58	0438	0525	87				2060 2165	3885 4080				SBT
V-15-7	15 51	N	75 11	W	6	11	58	1017	-1143	26				1650 1640	3098 3088				SBT
V-15-8	15 51	N	75 11	W	6	11	58	1346	1443	97				1638 1638	3069 3069				SBT
V-15-9	14 05	N	75 25	W	7	11	58	0745	0955	210				2160 2160	4077 4077				SBT
V-15-10	14 05	N	75 25	W	7	11	58	1314	1329	15				2160 2160	4077 4077				SBT
V-15-11	14 05	N	75 25	W	7	11	58	1615	-1700	55				2163 2163	4283 4283				SBT
V-15-12	11 30	N	75 50	W	8	11	58	2000	-2105	105				1531 1535	2868 2875				SBT
V-15-13	11 30	N	75 50	W	8	11	58	2010	2025	15				1535 1570	2875 2944				SBT
V-15-14	10 11	N	78 30	W	9	11	58	1839	1859	20				977 977	1826 1826				SBT
V-15-15	10 11	N	78 30	W	9	11	58	2222	2237	15				918 918	1715 1715				SBT
V-15-16	10 11	N	78 30	W	9	11	58	2320	2335	15				864 820	1616 1534				SBT
V-15-17	10 13	N	78 33	W	10	11	58	0120	0135	15				1110 1110	2077 2077				SBT

10

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-18	10 13	N	78 33	W	10	11	58	02 33	02 48	15				10 20 964	1905 1703				SBT
V-15-19	09 46.3	N	79 37.5	W	10	11	58	12 28	12 43	15				520	~~912~~ 974				SBT
V-15-20	09 46.3	N	79 37.5	W	10	11	58	13 21	13 36	15				458 440	860 ~~815~~ 825				SBT
V-15-21	09 46.3	N	79 37.5	W	10	11	58	14 06	14 21	15				500 500	938 938				SBT
V-15-22	09 46.3	N	79 37.5	W	10	11	58	14 58	15 18	20				520	974 ~~973~~				SBT
V-15-23	09 46.3	N	79 37.5	W	10	11	58	16 00	16 15	15				432 300	811 566				SBT
V-15-24	09 43.5	N	79 39	W	10	11	58	19 55	20 10	55				70 185	128 ~~350~~ 349				SBT
V-15-25	09 43.5	N	79 39	W	10	11	58	20 25	20 40	15				162 180	~~385~~ 305 ~~329~~ 340				SBT
V-15-26	09 43.5	N	79 39	W	10	11	58	21 26	21 55					212 230	~~421~~ 401 ~~433~~ 433				SBT
V-15-27	07 45	N	79 03	W	13	11	58	22 34	22 48	8					80 152 170 320				
V-15-28	07 45	N	79 03	W	13	11	58	00 30	00 32	2					237 443				SBT
V-15-29	07 41	N	79 08	W	14	11	58	01 05	01 07	2					242 446				SBT

STATION NO.	POSITION LAT. °	'	N S	LONG °	'	E W	DATE DAY	MONTH	YEAR	TIME IN / OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-30	07	41	N	79	08	W	14	11	58	0140_0142	2				235	439				SBT
V-15-31	07	37	N	79	11	W	14	11	58	0318-0319	1				572	1069				SBT
V-15-32	07	37	N	79	11	W	14	11	58	04090419	10				590- 602	1162 1124				SBT
V-15-33	07	36	N	79	13	W	14	11	58	05050515	10				596 595	1113 1114				SBT
V-15-34	07	30	N	79	15	W	14	11	58	0930-1300	210				NOT AVAILABLE					SBT
V-15-35	07	30	N	79	16	W	14	11	58	1400 1720	320				1200	2234				SBT
V-15-36	07	30	N	79	21	W	14	11	58	1743 1813	130				938- 863	1746 1609				SBT
V-15-37	07	25	N	79	23	W	14	11	58	2126 (30 MIN)					940	1749				SBT
V-15-38	05	00	N	79	04	W	15	11	58	2108 2208	60				1750 1620	3251 3023				SBT
V-15-39	04	25	N	78	25	W	15	11	58	05550725	170				2060	3859				SBT
V-15-40	04	25	N	78	25	W	16	11	58	09250955	30				1977 2008	3700 3757				SBT
V-15-41	07	02	N	83	10	W	18	11	58	0956 1026	30	V-15. 16			1220 1219	2270 2269				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-42	07 55	N	86 00	W	19	11	58	0924	1024	60	V 15 17			1654 1650	3091 3087				SBT
V-15-43	09 18	N	88 54	W	20	11	58	0939	1044	65				1780 1770	3327 3317				SBT
V-15-44	09 23	N	89 06	W	20	11	58	1351	1434	45	V 15 18			1870 1875	3496 3501				SBT
V-15-45	09 31	N	89 29	W	20	11	58	1908	2008	60				1865 1861	3488 3484				SBT
V-15-46	09 22	N	89 33	W	20	11	58	2317	0017	60				1881 1892	3517 3528				SBT
V-15-47	09 25	N	89 22	W	21	11	58	0426	0523	57				1899 1897	3550 3548				SBT
V-15-48	10 07	N	89 50	W	21	11	58	1355	1505	70	V15 19			1988 1988	3659 3659				SBT
V-15-49	09 24	N	89 27	W	22	11	58	0223	0340	77				1906 1906	3563 3563				SBT
V-15-50	09 18	N	89 32	W	22	11	58	10 18	11 18	60	V15 20	4		1873 1871	3503 3501				SBT
V-15-51	09 15	N	89 29	W	23	11	58	0038	0236	122		5		1912 1890	3554 3514				SBT
V-15-52	09 20.5	N	89 39	W	23	11	58	1548	1650	62	V15 21			1870 1858	3497 3475				SBT
V-15-53	09 23	N	89 32	W	23	11	58	2247	2347	60	V15 21			1896 1896	3545 3545				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C.	GEAR
V-15-54	09 22.5	N	89 33	W	24	11	58	0208-0239	31				1881 1873	3517 3503				SBT
V-15-55	12 45	N	88 38	W	24	11	58	1821-2048	147	V15 22			2110 2010	3950 3777				SBT
V-15-56	12 35	N	88 37	W	25	11	58	1913-1918	5				50 50	92 92				SBT
V-15-57	12 35	N	88 37	W	25	11	58	2202-2207	5	23			150 150	280 280				SBT
V-15-58	12 11	N	89 34	W	27	11	58	2146-2346	120		6		3008 3010	5680 5690				SBT
V-15-59	07 05	N	85 55	W	30	11	58	1036-1136	60	28			1532 1530	2855 2853				SBT
V-15-60	06 21	N	85 17	W	30	11	58	1928-1958	30	29			1016 1016	1892 1016				SBT
V-15-61	04 15	N	~~88 37~~ 85 06	~~W 25~~ W	1	12	58	1509 1539	30	30			1746 1740	3260 3254	2.41			S.B.T.
V-15-62	01 30	S	82 19	W	3	12	58	1915-1929	14	31			730 736	1363 1369				SBT
V-15-63	03 15	S	82 30	W	4	12	58	1022-1052	30	32			1535 1531	2864 2861				SBT
V-15-64	06 08	S	82 41	W	5	12	58	0908-0938	30	33			2160 2158	4052 4050	2.14			SBT
V-15-65	07 35	S	81 24	W	6	12	58	1136-1336	120	34	7		3078 3087	5825 5841	3.35		1.89°	SBT

STATION NO.	POSITION LAT. °	′	N S	LONG °	′	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-15-66	07	30	S	81	25	W	6	12	58	2217	0017	120				3090 3096	5857 5858	3.35			SBT
V-15-67	09	43	S	80	04	W	8	12	58	1250	1320	70	35			1510 1530	2816 2846			1.76	SBT
V-15-68	09	40	S	79	28	W	8	12	58	1924	1926	2	36			96	181				SBT
V-15-69	10	13	S	80	05	W	9	12	58	1509	1809	180	37			3340 3342	6324 6328				SBT
V-15-70	10	02	S	80	21	W	10	12	58	1910	2010	60	38		4	2910 3000	5490 5666	2.91		1.97°	SBT
V-15-71	10	07	S	80	57	W	11	12	58	0224	0324	60	39			2478 2512	4661 4723				SBT
V-15-72	11	05	S	82	31	W	11	12	58	2053	2153	60	40			2376 2388	4469 4479				SBT
V-15-73	12	02	S	79	08	W	17	12	58	1742	1814	32	41			2972 2976	5522 5529				SBT
V-15-74	7	32	S	81	26	W	19	12	58	1542	1645	63	-			3051 3052	5759 5760				SBT
V-15-75	7	33½	S	81	22	W	20	12	58	0355	0455	60				3118 3118	5918 5918				SBT
V-15-76	7	31	S	81	27	W	20	12	58	0908	1108	120	42			3080 3078	5750 5748				
V-15-77	8	37	S	84	41	W	21	12	58	1407	1437	30	43			2323 2328	4359 4363				SBT

15

STATION NO.	POSITION LAT. °	'	N S	LONG °	'	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-78	9	33½	S	87	24½	W	22	12	58	1204	1234	30	44			2244 2260	4206 4229				SBT
V-15-79	11	12	S	85	48	W	23	12	58	1202	1302	60	45			2376 2370	4477 4471				SBT
V-15-80	12	5½	S	85	38	W	24	12	58	0909	1004	55	46			2470 2450	4483 4513				SBT
V-15-81	17	1½	S	80	32	W	26	12	58	0926	0956	30	47			2463 2470	4634 4641				SBT
V-15-82	23	04	S	75	09	W	28	12	58	1418	1448	30	48			2348	4405				SBT
V-15-83	27	22	S	71	36	W	30	12	58	0748	0818	30	49			2347	4403				SBT
V-15-84	27	35	S	71	51	W	30	12	58	1724	1833	30	50			2995	5657				SBT
V-15-85	32	29	S	72	28	W	1	1	59	1132	1202	30	51			2207 2188	4532 4097				SBT
V-15-86	32	25	S	72	44	W	1	1	59	1754	1954	120	52			3165	5960				SBT
V-15-87	35	44	S	76	22	W	10	1	59				45 ~~46~~			2173	4059				
V-15-88	41	14	S	74	22	W	20	1	59			10				537	994				
V-15-89	42	06.5	S	73	06.5	W	23	1	59			10				203	375				

16

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-90	53 52.5	S	71 02.5	W	7	II	59			25				305	558				
V-15-91	51 01	S	68 32.5	W	19	II	59			45				45	82				
V-15-92	50 32.5	S	67 13	W	20	II	59			14				45	82				
V-15-93	50 17	S	66 50	W	20	II	59			6				45	82				
V-15-94	50 27	S	66 29	W	20	II	59			8				53	97				
V-15-95	50 46	S	67 28	W	20	II	59			5				56	102				
V-15-96	54 14	S	66 15.5	W	27	II	59			15				31	57				
~~55 19.8~~	~~S~~	~~64 57~~	~~W~~							~~15~~				~~943~~	~~1737~~				
V-15-97	55 19.8	S	64 57	W	1	III	59			15				943	1737				
V-15-98	54 24	S	63 29	W	3	III	59			5				108	198				
V-15-99	54 07.8	S	63 54	W	3	3	59			3				65	119				
V-15-100	53 08	S	65 07.5	W	4	3	59			4				69	126				

17

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-15-101	52 33	S	65 50	W	5	3	59			5				68	124				
V-15-102	52 53.3	S	65 35	W	5	3	59			5				59	108				
V-15-103	53 12	S	65 30	W	5	3	59			5				58	106				
V-15-104	54 07	S	67 01	W	6	3	59			5				10	18				
V-15-105	54 06.6	S	66 20	W	6	3	59			3				30	55				
V-15-106	54 10.2	S	65 44	W	6	3	59			11				43	79				
V-15-107	54 10.2	S	65 57.5	W	6	3	59			10				55	101				
V-15-108	54 10	S	64 19	W	6	3	59			3				60	110				
V-15-109	54 11.5	S	62 36	W	7	3	59			31				220	403				
V-15-110	54 10	S	63 20.2	W	7	3	59			5				155	284				
V-15-111	54 53.3	S	67 59	W	12	3	59			4				120	220				
V-15-112	56 40	S	67 26	W	13	3	59			4				73	134				

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-15-113	56 38.3	S	67 18	W	13	3	59			5				153	280				
V-15-114	55 02.6	S	64 17	W	14	3	59			10				943	1737				
V-15-115	55 18.2	S	64 08.6	W	14	3	59			20				1765	3281				
V-15-116	55 42.9	S	64 21.6	W	15	3	59			30				2050	~~3812~~ 3824				
V-15-117	55 31.6	S	64 07.5	W	15	3	59			30				2063	3845				
V-15-118	55 44.2	S	64 11.5	W	16	3	59			65				2031	3777				
V-15-119	57 04	S	61 25	W	17	3	59			64				2128	3987				
V-15-120	57 32.1	S	55 09.5	W	20	3	59			30				2226	4144				
V-15-121	54 45.2	S	52 02	W	22	3	59			30				2130	3962				
V-15-122	52 10.8	S	49 04.9	W	24	3	59			25				1366	2529				
V-15-123	50 23.2	S	47 25	W	25	3	59			20				1450	2685				
V-15-124	49 35	S	48 04.6	W	26	3	59			30				1480	2740				

STATION NO.	POSITION LAT. °	N S	LONG °	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITRE	SALINITY °/oo	BOTTOM TEMP. °C	GEAR
V-15-125	49 21.2	S	47 44.6	W	27	3	59			45				2696	5055				SBT
V-15-126	47 57.5	S	48 03	W	28	3	59			45	140			3236	6179				SBT
V-15-127	45 44	S	50 45	W	30	3	59			45	141			3160	5940				SBT
V-15-128	44 53.3	S	51 26.5	W	31	3	59	✓		68	142			3112	5845				SBT
V-15-129	44 54	S	51 35.5	W	31	3	59			50				3115	5851				SBT
V-15-130	42 00	S	45 01.5	W	2	4	59			65	143			2820	5302				SBT
V-15-131	40 14.6	S	55 24.7	W	3	4	59			45	145			800	1475				SBT
V-15-132	39 57.5	S	54 49.5	W	3	4	59			40	146			1032	1912				SBT
V-15-133	39 55.4	S	42 38.8	W	24	4	59			45	158			2118 2113	3962 3953				SBT
V-15-134	27 53.7	S	39 26	W	25	4	59			30	159			2219 2207	4165 4143				SBT
V-15-135	20 39	S	34 48.5	W	29	4	59			60	160			2290 2265	4306 4260				SBT
V-15-136	9 45	S	34 24	W	3	5	59			20	164			1722 1782	3223 3332				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15-137	8 38	S	34 40	W	4	5	59			10	1			344 342	646 642				SBT
V-15-138	8 27	S	34 41	W	4	5	59			4				75 46	137 84				SBT
V-15-139	8 20	S	34 42	W	4	5	59			2				23 23	42 42				SBT
V-15-140	8 22.5	S	34 26	W	4	5	59			3				387 386	726 725				SBT
V-15-141	5 04	N	41 01	W	10	5	59			30	170			2483 2485	4679 4683				SBT
V-15-142	10 31	N	45 02	W	14	5	59			60	173			2615 2615	4731 4731				SBT
V-15-143	19 01	N	65 39	W	25	5	59			30	179			1973 2000	3715 3764				SBT
V-15-144	18 29.3	N	65 38.4	W	27	5	59			4	180			151 154	285 291				SBT
V-15-145	22 01.5	N	66 23.5	W	31	5	59			60				2997	5688				SBT
V-15-146	22 20	N	65 01	W	2	6	59			60				3066 3068	5794 5797				SBT
V-15-147	21 18.7	N	65 13.4	W	4	6	59			120		57		2874 2856	~~5411~~ ? 5419				SBT
V-15-148	21 35	N	67 09	W	6	6	59			60	187		+	2735 2730	5172 5162				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG ° /	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/oo	BOTTOM TEMP. °C	GEAR
V-15-149	21 32	N	66 27	W	7	6	59			35			+3	2795 2785	5294 5276				SBT
V-15-150	20 21.3	N	66 24	W	11	6	59			30			+30 +4	2890 2899	5481 5497				SBT
V-15-151	18 45.5	N	66 30	W	12	6	59			60	189			3013 3285	6255				SBT
V-15-152	18 45.5	N	66 30	W	13	6	59			20			+4	1100 1114	2063 2089				SBT
V-15-153	25 01.5	N	77 47	W	21	6	59			25			31	1262 1255	2370 2357				SBT
V-15-154	25 15	N	77 42	W	21	6	59			20			5	1420 1395	2670 2624				SBT
V-15-155	25 28	N	77 15	W	22	6	59			45			32 +5	1980	3731				SBT
V-15-156	24 15.5	N	77 49	W	23	6	59			40			5	890 875	1663 1635				SBT
V-15-157	24 49.5	N	77 37.5	W	23	6	59			20	193		5	986 976	1847 1829				SBT
V-15-158	26 27	N	78 15	W	24	6	59			20	194		5	580 569	1090 1069				SBT
V-15-159	23 02.5	N	78 33.8	W	29	6	59			30			4.5 4.5		8.2 8.2				SBT
V-15-160	27 08.5	N	77 21	W	3	7	59			60	195	59	5	980 981	1842 1844				SBT

STATION NO.	POSITION LAT. ° ′	N S	LONG. ° ′	W E	DATE DAY MONTH YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-15-161	26 11	N	76 27.5	W	4 7 59			60			5	2517	4762				SBT
V-15-162	30 30	N	75 55	W	8 7 59			40	20		5	2102	3960				SBT
												2095	3947				
V-15-163	32 34	N	74 21.5	W	9 7 59			50	28		6	2477	4681				SBT
V-15-164	37 59.5	N	74 08	W	11 7 59			64				461	853				SBT
												488	855				
V-15-165	37 22	N	73 05	W	12 7 59			10				30	55				SBT
												30	55				
V-16-1	09 06	S	32 57	W	23 11 59	Hit 1316	Off 1335	19	27	—	—	2550	4806	—	—	—	SBT
V-16-2	11 06	S	29 15	W	25 11 59	1210	1310	60	28	—	20	2890	5469				SBT
V-16-3	13 04	S	24 41	W	27 11 59	1947	2052	65	31	—	—	2350	4415				SBT
V-16-4	17 02	S	16 13	W	2 12 59	1137	1240	63	34	—	—	1885	3530	—	—	—	SBT
V-16-5	22 59	S	6 46	W	7 12 59	2250	2348	58	38	—	—	2670	5033	—	—	—	SBT

CUS 57

Name

Instructor

Date

No.

Experiment No.

STATION NO.	POSITION N/S LAT. ° /			POSITION E/W LONG. ° /			DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA, STA. HYDRO. STA.		UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR	
V-16-6	27	52	S	1	06	W	10	12	59	2005	2114	—	41	—	—	2320	4356	—	—	—	SBT	
V-16-7	29	06	S	0	20	E	11	12	59	1731	1831	60	42	—	30	2372	4456				SBT	
V-16-8	30	58	S	5	26	E	13	12	59	1558	1700	62	44	—	32	2722	5132				SBT	
V-16-9	32	21	S	15	49	E	18	12	59	1319	1340	31	—	—	38	895	1665	—	—	—	SBT	
																880	1628					
V-16-10	31	525	S	16	09	E	18	12	59	2131	2201	30	51	—	—	220	410	—	—	—	SBT	
																220	410	—	—	—		
V-16-11	33	28	S	17	02	E	20	12	59	1620	1640	20				485	898	—	—	—	SBT	
																480	889					
V-16-12	49	54	S	36	34	E	4	1	60	0015	0035	20	60	16	—	2450	4570	—	—	—	SBT	
																2450	4570					
V-16-13	48	42	S	39	57	E	5	1	60	2311	2331	20	61	17	—	2280	4257	—	—	—	SBT	
V-16-14	47	19	S	41	58	E	6	1	60	2248	2325	37	63	18	48	2085	3884	—	—	—	SBT	
																2085	3884					

CUB 57

Name

Instructor

Date

Experiment No.

No.

STATION NO.	POSITION LAT. ° ′ N S	POSITION LONG. ° ′ E W	DATE DAY MONTH YEAR	TIME IN	TIME OUT	ARMTRIB ON BOTTOM	COR RD.	CAMERA HYD.	HYDRO. MEA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-16-15	45 00	S 45 46 E	8 1 60	1455	1515	20	65	–	–	878	1622	–	–	–	SBT
										878	1622				
V-16-16	37 09	S 45 31 E	11 1 60	1356	1416	20	67	21	51	1935	3620	–	–	–	SBT
										1933	3610				
V-16-17	26 54	S 56 04 E	18 1 60	1535	1555	20	72	–	56	2658	5008	–	–	–	SBT
										2650	4993				
V-16-18	25 11	S 59 59 E	27 1 60	1740	1810	30	76	–	59	2690	5072	–	–	–	SBT
										2690	5072				
V-16-19	29 52	S 62 36 E	29 1 60	2135	2202	27	78	–	–	2480	4665				SBT
										2350	4416				
V-16-20	30 38	S 70 06.5 E	1 2 60	1428	1510	42	81	–	–	2150	4032	–	–	–	SBT
										2170	4071				
V-16-21	31 02.5	S 82 57 E	6 2 60	0938	1018	40	86	–	–	2135	4003	–	–	–	SBT
										2135	4003				
V-16-22	31 30	S 99 17 E	14 2 60	1354	1424	30	96	–	–	1295	2417	–	–	–	SBT
										1290					
V-16-23	32 05	S 115 16 E	26 2 60	1700	1715	15	–	–	–	70	128	–	–	–	SHAL. B.T.
										70	128				

CUB 57

Name

Instructor

Date

No. Experiment No.

STATION NO.	POSITION N LAT. ° ′	S	POSITION E LONG. ° ′	W	DATE DAY	MONTH	YEAR	TIME IN HIT	TIME OUT OFF	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-16-24	32 04.5	S	115 16.5	E	26	2	60	1726	1756	30	—	—	—	70 70	128 128	—	—	—	SBT
V-16-25	32 17.5	S	115 06	E	27	2	60	1000	1015	15	99	—	—	128 135	241 254	—	—	—	SBT
V-16-26	33 20	S	114 46	E	29	2	60	0132	0140	8	—	—	—	30 30	55 55	—	—	—	SBT
V-16-27	35 04	S	115 05	E	2	3	60	0741	0754	13	100	—	—	496 500	931 938	—	—	—	SBT
V-16-28	37 15	S	118 42	E	5	3	60	1940	2012	32	103	—	—	2740 2740	5156 5156	—	—	—	SBT
V-16-29	37 50	S	124 30	E	7	3	60	2105	2124	19	105	—	70	3012 3010	5671 5667				SBT
V-16-30	36 45	S	132 02	E	10	3	60	1350	1420	30	108	—	—	2961 2961	5572 5572				SBT
V-16-31	36 57	S	137 33	E	17	3	60	0655	0705	10	109	—	—	114 143	214 269	—	—	—	SBT
V-16-32	46 41	S	171 32	E	4	4	60	1535	1541	6	122	43	—	680 680	1257 1257	—	—	—	SBT
V-16-33	52 19	S	170 30	W	16	4	60	2345	0012	27	126	46	79	2755 2785	5170 5227	—	—	—	SBT
V-16-34	54 30	S	163 19	W	18	4	60	1342	1416	34	127	—	80	2480 - 2600 2490	4640 - 4868 4658	—	—	—	SBT
V-16-35	59 22	S	132 49	W	25	4	60	0050	0114	24	130	—	83	2138 2145	3981 3995	—	—	—	SBT
V-16-36	61 55	S	91 21	W	2	5	60	2210	2241	31	134	—	87	2720 2720	5090 5090	—	—	—	SBT

STATION NO.	POSITION LAT. ° /	N S	LONG. ° /	E W	DATE DAY	MONTH	YEAR	TIME IN HIT	TIME OUT OFF	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-16-37	51 52	S	67 01	W	16	5	60	2351	2357	6	141	49	—	55 55	101 101	—	—	—	SBT
V-16-38	51 22.5	S	65 07	W	18	5	60	1531	1536	5	142	50	—	69 69	126 126	—	—	—	SBT
V-16-39	50 53	S	62 35	W	19	5	60	1303	1309	6	143	51	89	86 86	157 157	—	—	—	SBT
V-16-40	42 48	S	63 11	W	27	5	60	0203	0218	15				38 38	70 70				SBT
V-16-41	46 15	N	56 49	W	10	8	60	2322	2327	5		74		27	49				SBT
V-16-42	46 38	N	55 07	W	11	8	60	1348	1352	4	—	—		81	148				SBT
V-16-43	47 51	N	51 50	W	13	8	60	2002	2005	3	218	75		NOT AVAILABLE	179				SBT
V-16-44	48 54	N	51 08	W	14	8	60	1410	1415	5	219			170	315				SBT
V-16-45	50 53	N	52 26	W	15	8	60	0950	0953	3	220		100	145	265				SBT
V-16-46	52 30	N	54 24	W	16	8	60	1707	1713	6	221	77	101	104	190				SBT
V-16-47	53 41	N	55 13	W	17	8	60	0830	0835	5	222	78	102	160	293				SBT
V-16-48	60 10	N	47 08	W	21	8	60	1312	1318	6	224	79	—	164	300				SBT
V-16-49	60 10	N	47 10	W	21	8	60	1650	1655	5			—	150	274				SBT

STATION NO.	POSITION LAT. ° /	N S	LONG. ° /	E W	DATE DAY	MONTH	YEAR	TIME IN HIT	TIME OUT OFF	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/..	BOTTOM TEMP. °C	GEAR
V-16-50	60 17.5	N	45 37.6	W	24	8	60	0655	0700	5	226	?	104	224	412				SBT IGALIKO FJORD
V-16-51	60 03	N	50 50	W	26	8	60	1355	1455	60	227	—	107	1775 1700	3303 3160				SBT
V-16-52	55 37	N	56 08	W	29	8	60	1047	1117	30	230	—	108	1125	2078				SBT
V-16-53	55 22	N	56 43	W	29	8	60	1556	1602	6	—	—	109	105	192				SBT
V-16-54	55 13	N	57 00	W	29	8	60	1922	1928	6	—	—	110	113	207				SBT
V-16-55	55 48	N	56 00	W	30	8	60	1450	1520	30	231	—	—	1325	2452	6.55	34.917	2.6	SBT
V-16-56	55 32	N	58 31	W	31	8	60	1443	1449	6	232	—	111	272	499				SBT
V-16-57	55 35	N	58 37	W	31	8	60	1842	1854	12	233	—	112	417 430	767 791				SBT
V-16-58	55 26	N	58 09	W	1	9	60	0120	0125	5	—		80	52	95				SBT
V-16-59	55 00	N	57 57	W	1	9	60	0920	0924	4	—		81	50	91				SBT
V-16-60	52 13	N	55 24	W	4	9	60	2100	2103	3	237		82 113	90	165				SBT
V-16-61	51 18	N	56 52	W	5	9	60	1800	1802	2	—	—	—	55	101				SBT
V-16-62	51 01	N	57 10	W	5	9	60	2150	2152	2			83	30	57				SBT

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUB 57

STATION NO.	POSITION LAT °	/	N S	LONG. °	/	E W	DATE DAY	MONTH	YEAR	TIME IN (HIT)	OUT (OFF)	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-16-63	51	09	N	57	23	W	6	9	60	0041	0043	2	238	83	—	50	91				SBT
V-16-64	46	53	N	58	31	W	8	9	60	1058	1105	7	241	—	—	244	448				SBT
														—							
V-16-65	46	45	N	56	22	W	9	9	60	0326	0335	9	—	84		23	42				SBT
V-16-66	39	45	N	72	01	W	19	9	60	2112	2115	3		85		68	124				SBT
V-17-1	7	10	S	85	50	W	26	2	61	2228	2328	60	45			2200	4124				SBT
																2200	4124				
V-17-2	34	29	S	74	21	W	13	3	61	1250	1350	60	50			2155	4030				SBT
																2158	4036				
V-17-3	36	15	S	76	51	W	14	3	61	1903	1933	30	51			2155	4030				SBT
																2156	4032				
V-17-4	37	10	S	77	42.5	W	15	3	61	1815	1900	45	52			2200	4116				SBT
																2200	4116				
V-17-5	38	15	S	76	00	W	16	3	61	1641	1726	45	53			2046	3824				SBT
																2000	3739				

29

STATION NO.	POSITION LAT °	LAT '	N S	LONG. °	LONG. '	E W	DATE DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES OF BOTTOM	CORE No.	CAMERA ST.	HYDRO STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-17-6	37	57	S	75	08	W	21	3	61	1257	1357	60	54			2298	4303				SBT
																2308	4323				
V-17-7	40	32	S	75	08	W	22	3	61	1315	1400	45	55			1758	3279				SBT
																1657	3089				
V-17-8	43	14	S	75	27	W	23	3	61	(0855 lat) 0859	0944	45				1730	3219				SBT
																1730	3219				
V-17-9	43	20	S	75	19	W	23	3	61	1227	1257	30	56			794	1467				SBT
																840	1553				
V-17-10	43	24	S	75	08	W	23	3	61	1432	1450	18				272–	501				SBT
																215– 270	397 497				
V-17-11	43	25	S	75	05	W	23	3	61	1522	1529	7				83	152				SBT
																83	152				
V-17-12	43	30	S	74	55	W	23	3	61	1732 –	1739	7				61	112				SBT
										1743 –	1752	9				61	112				
V-17-13	46	59.5	S	75	54	W	24	3	61	2020	2050	30	57			1432	2657				SBT
																1332	2470				
V-17-14	47	01	S	75	44	W	24	3	61	2226	2246	20				650	1201				SBT
																620	1146				

CUB 57

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

STATION NO.	POSITION LAT ° / N S LONG. ° / E W	DATE DAY MONTH YEAR	TIME IN OUT	MINUTES ON BOTTOM CORE NO.	CAMERA STA. HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR	
V-17-15	47 02 S 75 36 W	24 3 61	2356 0006	10		348	642				SBT	
						339	626					
V-17-16	47 03 S 75 32 W	25 3 61	0050 0058	8		96	176				SBT	
						88	161					
V-17-17	53 33.6 S 72 28.9 W	28 3 61	1513 1517	4	59	178	326				SBT	
						160	293					
V-17-18	53 55.5 S 71 16.8 W	28 3 61	1751 1755	4	61	141	248				SBT	
						143	262					
V-17-19	52 58.6 S 70 30.8 W	29 3 61	0407 0411	4	62	49	90				SBT	
						49	90					
V-17-20	53 21 S 70 36 W	29 3 61	0636 0639	3	63	135	247				SBT	
						135	247					
V-17-21	53 23 S 70 54.6 W	29 3 61	0820 0826	6	64	82	150				SBT	
						82	150					
V-17-22	53 38 S 70 50.5 W	29 3 61	1020 1044	24	65	136	249				SBT	
						180	392					
V-17-23	53 47 S 70 17.5 W	29 3 61	1530-1538	8	66	153-152	280 278				SBT	
			1547-1549	2		147-149	269 273					

CUBS

Name

Instructor

Date

Experiment No.

No.

31

STATION NO.	POSITION LAT. ° / N S	LONG. ° / E W	DAY	MONTH	YEAR	TIME IN (Hit)	TIME OUT (Off)	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-17-24	53 37.7 S	69 54.6 W	29	3	61	1739	1741	3	67			23	42				SBT
												23	42				
V-17-25	53 20.5 S	69 32.8 W	29	3	61	1914	1921	7	68			24	44				SBT
												24	44				
V-17-26	53 27.2 S	69 57.3 W	29	3	61	2044	2045	1	69			13	24				SBT
												13	24				
V-17-27	53 33.8 S	70 17.5 W	29	3	61	2226	2229	3	70			144	263				SBT
												144	263				
V-17-28	52 40.5 S	70 04.6 W	1	4	61	1546	1546:30	Sec 30	71			16	29				SBT
												16	29				
V-17-29	52 43.7 S	69 53.7 W	1	4	61	1718:30	1718:45	Sec 15	72			13	24				SBT
												13	24				
V-17-30	52 40.2 S	69 51.5 W	1	4	61	1812.30	1812.45	Sec 15	73			13	24				SBT
												13	24				
V-17-31	52 35.5 S	69 48 W	1	4	61	1913.30	1913.45	Sec 15	74			8	15				SBT
												8	15				
V-17-32	52 42.3 S	69 44.5 W	1	4	61	2017 - 2017:15 + 2023 - 2025		15 Sec. + 2'	75			26-26	48 48				SBT
												28-30	51-55				

CUB 57

Name

Instructor

No. Experiment No.

Date

STATION NO.	POSITION LAT. ° / N S LONG. ° / E W							DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C.	GEAR	
V-17-33	52	49	S	67	35	W	X	2	4	61	1306	1307	1	76			36-	66				SBT	
							X										36	66					
V-17-34	52	30	S	68	56	W	X	2	4	61	1953	1954	1	77			24-	44				SBT	
							X										24	44					
V-17-35	52	18.5	S	69	06.5	W	X	2	4	61	2121	2121:30	½	78			21-	38				SBT	
							X										21	38					
V-17-36	52	22	S	69	19.5	W	X	2	4	61	2253	2253:30	½	79			24-	44				SBT	
							X										24	44					
V-17-37	52	39.2	S	69	49	W	X	3	4	61	0104	0104:30	½	80			16-	29				SBT	
							X										16	29					
V-17-38	53	35.4	S	70	23.5	W	X	3	4	61	0953	0956	3	81			72-	132				SBT	
							X										72	132					
V-17-39	53	47	S	70	18	W	X	3	4	61	1137	1142	5	82			146-	267				SBT	
							X										146	267					
V-17-40	60	07.9	S	74	55	W	X	16	4	61	2209	2239	30	90			2464	4598				SBT	
							X										2484	4636					
V-17-41	61	35	S	68	27	W	X	20	4	61	0254	0332	38			23	2231	4153				SBT	
							X										2231	4153					

CUB 57

Name.....

Instructor.....

No.....Experiment No.....

Date.....

STATION NO.	POSITION LAT. ° /	N/S	LONG. ° /	E/W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
								HIT	OFF										
V-17-42	61	52 S	68	20 W	20	4	61	1105	1150	45			25	1985	3685				SBT
														1985	3685				
V-17-43	62	48-49 S	62	06 W	21	4	61	1844 - 1848		4	94			360-368	655-670				SBT
								1908 - 1915		7				370	673				
V-17-44	62	56.5 S	60	37.2 W	22	4	61	0926	0932	6	95			87	159				SBT
														87	159				
V-17-45	62	33 S	59.	26 W	23	4	61	1532	1533	1	96			330	600				SBT
														332	604				
V-17-46	54	52.6 S	67	57 W	4	5	61	1338	1342	4	98			123	227				SBT
V-17-47	55	07.2 S	66	22.3 W	4	5	61	1833	1835	2	99			39	71				SBT
V-17-48	55	10 S	66	23 W	4	5	61	1921	1922	1				23	42				SBT
V-17-49	55	11.5 S	66	15 W	4	5	61	1953	1954	1	100			34	62				SBT
V-17-50	55	14 S	66	07 W	4	5	61	2047	2049	2	101			56	102				SBT

CUB 57

Name

Instructor

No.

Date

Experiment No.

STATION NO.	POSITION LAT. ° / N S	LONG. ° / W	DAY	MONTH	YEAR	TIME IN (HIT)	TIME OUT (OFF)	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-17-51	55 17.5 S	66 00 W	4	5	61	2139	2141	2				111	205				SBT
												112	207				
V-17-52	55 20 S	65 52 W	4	5	61	2227	2230	3			102	510	938				SBT
												518	947				
V-17-53	55 20 S	65 50 W	4	5	61	2315	2322	7				648	1185				SBT
												678	1240				
V-17-54	55 19.5 S	65 49 W	5	5	61	0027	0034	7				697	1274				SBT
												745	1362				
V-17-55	55 28.5 S	66 17 W	5	5	61	1043	1048	5	103			61	112				SBT
V-17-56	56 34.5 S	62 41-40 W	6	5	61	1816	2016	120	104			2153	4006				SBT
V-17-57	54 57 S	63 04 W	8	5	61	0722	0730	8				1033	1904				SBT
												1028	1895				
V-17-58	54 56 S	60 32 W	10	5	61	0305	0311	6				425	780				SBT
												424	778				
V-17-59	54 53.5 S	60 26.5 W	10	5	61	0451	0453	2				237	432				SBT
												234	426				

CUB 57

Name

Instructor

Date

No.

Experiment No.

CUB 57

Name..... Instructor.....

Date..... Experiment No.....

STATION NO.	POSITION N ° / S E ° / W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-17-60	54 51.5 S 60 22 W	10	5	61	HIT 0537	OFF 0542	5				158	289				SBT
											157	287				
V-17-61	54 44 S 55 39 W	11	5	61	2236	2330	54	106			985	1814				SBT
											1041	1919				
V-17-62	54 41 S 55 35 W	12	5	61	0106	0113	7				655	1199				SBT
											636	1165				
V-17-63	54 23 S 55 00 W	12	5	61	0845	0857	12				1170	2155				SBT
											1164	2154				
V-17-64	51 08 S 54 22 W	13	5	61	2033	2045	12	107	15		823	1512				SBT
											828	1518				
V-17-65	50 18 S 54 11 W	14	5	61	0725	0745	20	108			815	1498				SBT
											817	1501				
V-17-66	50 08 S 54 14 W	15	5	61	1135	1155	20				822	1511				SBT
V-17-67	41 39 S 59 53 W	18	5	61	0850	08514	1	109	16		40	73				SBT
					0854	0857	3									
V-17-68	41 16 S 60 03 W	18	5	61	1209	1215	6	110	17		38	70				SBT

CUBS 57

Name..... Instructor.....

Date..... Experiment No.....

STATION NO.	POSITION LAT. ° / N S	POSITION LONG. ° / E W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP.	GEAR	
						HIT	OFF											
V-17-69	40 56 S	60 10 W	18	5	61	1504	1507	3	111	18		37	68				SBT	
V-17-70	40 32 S	60 19 W	18	5	61	1804	1807	3	112	19		31	57				SBT	
V-17-71	40 11 S	60 27 W	18	5	61	2106	2109	3	113	20		24	44				SBT	
V-17-72	39 21 S	61 08 W	19	5	61	0543	0545	2	114			8	15				SBT	
V-17-73	39 47 S	61 08 W	23	5	61	0030	0033	3	115			12	22				SBT	
V-17-74	41 27 S	59 33 W	23	5	61	1303	1307	4	116			39	71				SBT	
V-17-75	41 41 S	59 19 W	23	5	61	1637	1642	5	117			45	82				SBT	
V-17-76	41 57 S	59 03 W	23	5	61	2033	2036	3	118			44	81				SBT	
V-17-77	42 15 S	58 45 W	24	5	61	0010	0015	5	119			52	95				SBT	

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUB 57

STATION NO.	POSITION LAT. °	/	N S	LONG. °	/	E W	DAY	MONTH	YEAR	TIME IN (HIT)	TIME OUT (OFF)	MINUTES ON BOTTOM	CORE NO.	SAMBRA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITERS	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-17-78	42	28	S	58	31	W	24	5	61	0327	0331	4	120			124	227				SBT
																125	229				
V-17-79	42	28	S	58	31	W	24	5	61	0351	0403	12	120			137	251				SBT
																143	262				
V-17-80	43	58	S	52	09-08	W	26	5	61	1145	1256	71	121			3078	5781				SBT
																3077	5779				
V-17-81	44	33	S	49	19	W	27	5	61	1308	1408	60	122			2842	5332				SBT
																2840	5329				
V-17-82	45	22	S	46	58	W	28	5	61	1000	1045	15	123			2810	5139				SBT
																2815	5148				
V-17-83	48	34	S	36	04	W	31	5	61	1123	1158	35	124			2773	5187				SBT
																2807	5251				
V-17-84	50	15	S	35	53	W	1	6	61	0933	1003	30	125			2516	4696				SBT
																2516	4696				
V-17-85	47	35	S	43	21	W	6	6	61	1203	1303	60	126			2927	5495				SBT
																2924	5488				
V-17-86	45	29	S	60	06	W	11	6	61	0910	0914	4	129			123	225				SBT
																124	227				

CUB 57

STATION NO.	POSITION LAT. °	/	N S	LONG. °	/	E W	DAY	MONTH	YEAR	TIME IN GMT	TIME OUT GMT	STRAINS AT BOTTOM	CORD NO.	CAMERA S/N.	WIRE S/N.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN MT/LITRE	SALINITY °/°°	BOTTOM TEMP. °C	GEAR	
V-17-87	45	21	S	60	27	W	11	6	61	1123	1135	12	130			60	110				SBT	
V-17-88	45	11	S	60	55	W	11	6	61	1403	1413	10	131			60	110				SBT	
V-17-89	45	02	S	61	18	W	11	6	61	1628	1639	11	132			56	102				SBT	
V-17-90	44	53	S	61	43	W	11	6	61	1901	1916	15	133			54	99				SBT	
V-17-91	44	45	S	62	11	W	11	6	61	2150	2152	2	134			53	98				SBT	
V-17-92	44	37	S	62	40	W	12	6	61	0037	0052	15	135			51	93				SBT	
V-17-93	44	35	S	63	07	W	12	6	61	0325	0339	14	136			51	93				SBT	
V-17-94	44	33	S	63	33	W	12	6	61	0616	0623	7	137			49	90				SBT	
V-17-95	44	30.5	S	63	59	W	12	6	61	0905	0905:30	½	138			46	84				SBT	

Name.....

Instructor.....

Date.....

No.....

Experiment No.....

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUB 57

STATION NO.	POSITION LAT. °	/	N S	LONG. °	/	E W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXY GEN ML/LITERS	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-17-96	44	28	S	64	25	W	12	6	61	HIT 1120	OFF 1122	2	139			42	~~75~~ 77				SBT
V-17-97	44	29	S	60	59	W	13	6	61	0809	0811	2	140			55	101				SBT
										0818	0825	7									
V-17-98	44	28	S	60	45	W	13	6	61	1003	1005	2	141			56	102				SBT
V-17-99	44	25	S	59	54	W	13	6	61	1536	1545	9	142			82	150				SBT
																84	154				
V-17-100	44	23	S	59	53	W	13	6	61	1632	1643	11	143			91	166				SBT
																97	177				
V-17-RD12	44	19	S	59	52	W	13	6	61	1656	1742	6				100-	183				ROCK DREDGE
																-200-	366				
																-100	183				
V-17-RD14	38	58	S	55	17	W	19	6	61	1412	1426	14				320	595				ROCK DREDGE
																345	642				
V-17-RD15	38	13	S	55	19	W	19	6	61							118	220				ROCK DREDGE
V-17-RD16	38	13	S	55	19	W	19	6	61							205	380				ROCK DREDGE

STATION NO.	POSITION LAT. °	/	N S	LONG. °	/	E W	DAY	MONTH	YEAR	TIME IN (HIT)	TIME OUT (OFF)	METERS ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXY GEN ML/LITER	SALINITY ‰	BOTM TEMP. °C	GEAR
V-17-101	38	13	S	55	19	W	19	6	61	2109	2124	15				245	454				SBT
																243	450				
V-17-RD17	38	13	S	55	19	W	19	6	61							245	454				ROCK DREDGE
																245	454				
V-17-102	34	25	S	52	19	W	27	6	61	2259	2302	3				40	73				SBT
V-17-103	34	21	S	52	07	W	28	6	61	0040	0043	3				60	110				SBT
V-17-104	26	40	S	40	55	W	1	7	61	1657	1752	52				1439	2684				SBT
																1448	2703				
V-17-105	16	51	N	20	05	W	20	7	61	1905	1930	25			30	1829	3431				SBT
																1830	3433				
V-17-106	35	06	N	45	56	W	31	7	61	0132	0212	40				1756	3299				SBT
																1787	3358				
V-17-107	WESTERN BANK					W	5	8	61	1755	1756	1				26	48				SBT
V-17-108	44	22	N	59	05	W	12	8	61	1415	1416	1				51	93				SBT

CUB 58

Name

Instructor

Date

No.

Experiment No.

STATION NO.	POSITION LAT.			LONG.			DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXY GEN ML/LITERS	SALINITY ‰	BOTTOM TEMP. °C	GEAR
	°	′	N/S	°	′	E/W				HH	OFF										
V-17-RD18	44	14	N	59	03.5	W	12	8	61							100	183				DREDGE
																105	192				
V-17-109	43	34.5	N	60	04	W	13	8	61	1501	1507	6	170			81	148				SBT
																82	150				
V-17-RD22	42	57.5	N	61	50.5	W	14	8	61							188	348				DREDGE
V-17-110	44	50	N	60	37.5	W	19	8	61	1247 - 1249		2	175			155 - 156	284 285				SBT
										1258 - 1301		3				157-156	287-285				
V-17-111	44	50	N	60	15	W	19	8	61	1617	1619	2	176			158	289				SBT
																159	291				
V-17-112	44	30	N	57	07	W	20	8	61	0924	0927	3	177			189	348				SBT
V-17-RD23	44	27.5	N	57	14.5	W	20	8	61							180	331				DREDGE
V-17-RD24	44	26	N	57	15	W	20	8	61							170	313				DREDGE
V-17-RD25	44	23.5	N	57	18	W	20	8	61							270	497				DREDGE

CUB 56

Name.....

Instructor.....

Date.....

No.....

Experiment No.....

STATION NO.	POSITION LAT.		N/S	LONG.		E/W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
	°	/		°	/					HIT	OFF										
V-17-RD26	44	24.5	N	57	19	W	20	8	61							260	481				ROCK DREDGE
																195	360				
V-17-113	46	33	N	58	03	W	22	8	61	1927	1930	3	179			246	452				SBT
V-17-114	46	39	N	58	40	W	23	8	61	1346	1356	10				224	412				SBT
																222	408				
V-17-115	44	57	N	52	15	W	26	8	61	1513	1515	2	183			33	60				SBT
V-17-116	58	22	N	47	44	W	1	9	61	2337	2357	20	192			1726	3210				SBT
V-17-117	60	44.2	N	45	45.4	W	3	9	61	1329	1331	2	195			162	298				SBT
V-17-RD29	60	27	N	48	31	W	4	9	61							200	366				ROCK DREDGE
																178	326				
V-17-118	57	50	N	54	06	W	8	9	61	2102	2117	15	197			1810	3369				SBT
V-17-119	54	27	N	54	08	W	10	9	61	1412	1418	6				119	218				SBT

CUB 58

Name

Instructor

Date

No.

Experiment No.

STATION NO.	POSITION LAT. °	/	N/S	LONG. °	/	E/W	DAY	MONTH	YEAR	TIME IN (Hit)	TIME OUT (Off)	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-17-120	51	08	N	58	01	W	11	9	61	1940	1941	1	200			109	199				SBT
																110	201				
V-18-2	13	41	N	60	59	W	2	1	62								37-				SBT
																	33				
V-18-3	05	23	N	51	03	W	9	1	62								146-				SBT
																	155				
V-18-4	04	14	N	47	45	W	10	1	62								2391-				SBT
																	2365				
V-18-5	07	43	S	34	26	W	19	1	62								190-				SBT
																	240				
V-18-6	08	00	S	34	40	W	19	1	62								33-				SBT
																	33				
V-18-7	35	57	S	53	07	W	4	2	62								141-				SBT
																	141				
V-18-8	36	06	S	53	18	W	4	2	62								282-				SBT
																	278				
V-18-9	36	17	S	53	21	W	4	2	62								676-				SBT
																	547				

CUB 58

Name.....

Instructor.....

Date.....

No.....Experiment No.....

Name..... No..... Experiment No.....

Instructor..... Date.....

CUB 5'

STATION NO.	POSITION LAT. °	/	N S	LONG. °	/	E W	DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED FATHOMS	CORRECTED FATHOMS IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-18-10	36	20	S	53	18	W	5	2	62								916-				SBT
																	893				
V-18-11	35	54	S	53	52	W	5	2	62								55-				SBT
																	55				
V-18-12	47	09	S	60	38	W	[illegible]	[illegible]	[illegible]								424-				SBT
																	428				
V-18-13	47	10	S	61	02	W	17	2	62								135-				SBT
																	135				
V-18-14	47	13	S	61	30	W	17	2	62								132-				SBT
																	130				
V-18-15	47	22	S	62	06	W	18	2	62								135-				SBT
																	137				
V-18-16	47	30	S	62	39	W	18	2	62								123-				SBT
																	123				
V-18-17	47	42	S	63	06	W	18	2	62								108-				SBT
																	108				
V-18-18	47	55	S	63	41	W	18	2	62								108-				SBT
																	108				

45

STATION NO.	POSITION LAT. N S ° '	POSITION LONG. E W ° '	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR	
V-18-19	48 09 S	64 23 W	8	2	62								104-				SBT	
													104					
V-18-20	48 09 S	65 04 W	8	2	62								101-				SBT	
													101					
V-18-21	48 06 S	65 43 W	9	2	62								73-				SBT	
													71					
V-18-22	52 25 S	67 59 W	20	2	62								38-				SBT	
													38					
V-18-23	52 25 S	68 11 W	20	2	62								22-				SBT	
													22					
V-18-25	52 55 S	74 04 W	24	2	62								562-				SBT	
													562					
V-18-26	52 37.5 S	74 48.5 W	24	2	62								55-				SBT	
													55					
V-18-27	52 41 S	75 21 W	24	2	62								470-				SBT	
													562					
V-18-28	54 33 S	77 51 W	25	2	62								4073				SBT	

CUB 57

Name

Instructor

Date

No. Experiment No.

STATION NO.	POSITION LAT. °	LAT. '	N S	LONG. °	LONG. '	E W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	COLE NO.	CALIBRATION	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR	
	63	50	S	66	04	W	3	3	62								430-				SBT	
V-18-31																	432					
	63	465	S	66	07	W	3	3	62								672-				SBT	
V-18-32																	726					
	62	29	S	67	16	W	5	3	62								3427-				SBT	
V-18-34																	3453					
	62	48	S	65	24	W	6	3	62								3193-				SBT	
V-18-35																	3204					
	62	26	S	62	38	W	6	3	62								1452-				SBT	
V-18-36																	1518					
	62	28	S	61	18	W	7	3	62								227-				SBT	
V-18-37																	230					
	61	39	S	62	42	W	8	3	62								3753-				SBT	
V-18-38																	3676					
	33	495	S	53	09	W	24	4	62								15				SBT	
V-18-39																						
	33	575	S	52	545	W	25	4	62								29				SBT	
V-18-40																						

CUB 57

Name

Instructor

Date

No.

Experiment No.

47

STATION NO.	POSITION LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-18-42	34	15	S	52	22	W	25	4	62								40				SBT
V-18-43	34	18	S	52	04	W	25	4	62								88				SBT
V-18-44	34	25	S	51	47	W	25	4	62								207- 214				SBT
V-18-113	40	33	S	174	07	W	31	7	62								813				Cook Strait SBT
V-18-107 see last page V-18-126	16	01	N	95	14	W	16	10	62								41- 41				SBT
V-18-127	15	54	N	95	17	W	16	10	62								97- 97				SBT
V-18-128	07	43	N	79	31	W	24	10	62								146				SBT
V-18-Dredge 2	36	40	S	54	20	W	11	2	62								97				ROCK DREDGE
V-18-Dredge 3	36	45	S	54	15	W	11	2	62								137				ROCK DREDGE

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUB 57

48

STATION NO.	POSITION LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
V-18-Dredge 5	36	54	S	54	09	W	11	2	62								534				ROCK DREDGE
V-18-Dredge 14	44	21	S	57	21	W	11	2	62								4605- 4297				ROCK DREDGE
V-18-Dredge 15	41	09	S	57	13	W	7	4	62								274- 324				ROCK DREDGE
V-18-Dredge 26	17	55	S	154	06	W	10	9	62								683- 694				ROCK DREDGE
V-18-Dredge from core winch	36	24	S	41	07	W	16	2	62								core V-18-35 2550				FROM CORE WINCH
V-18-Surface sample	47	56	S	57	06	W	1	2	62								surface				SURFACE SAMPLE
Yelcho 2-1	56	08.5	S	67	58	W	17	2	62								110				
Yelcho 2-2	63	55.5	S	63	49	W	2	3	62								417				
Yelcho 2-3	63	42	S	65	27	W	3	3	62								408				

CUB 57

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

49

STATION NO.	POSITION LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN	OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA SEX.	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ml/liter	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
Yelcho 2-4	63	50	S	64	05	W	4	3	62								417				
Yelcho 2-5	64	14	S	64	18	W	4	3	62								540				
Yelcho 2-6	64	23	S	63	53	W	4	3	62								326				
Yelcho 2-7	64	48	S	65	16	W	4	3	62								582				
Yelcho 2-8a	64	52	S	65	47	W	4	3	62								218				
Yelcho 2-8b	SAME AS ABOVE																				
Yelcho 2-9	64	08	S	64	05	W	5	3	62								527				
Yelcho 2-10	63	53	S	64	08	W	5	3	62								404				
Y elcho 2-11	63	40	S	64	08	W	5	3	62								240				

CUB 57

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUS 57

STATION NO.	POSITION LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN	OUT	ATTACHED ON BOTTOM	CORE NO.	CAMERA SET.	UNDER STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METRES	OXYGEN ml/l	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
Yelcho 2-12	63	23	S	64	01.5	W	5	3	62								236				
Yelcho 2-13	62	12	S	59	56	W	7	3	62								51				
Yelcho 2-14	62	08	S	60	00	W	7	3	62								190				
Yelcho 2-15	61	59.8	S	60	13.5	W	7	3	62								476				
Yelcho 2 core Y-2 #7	56	43.9	S	69	07.5	W	15	2	62								322				
Yelcho 1 Y-1	54	13	S	73	40	W	15	4	61								115				
V-15 Pebble Dredge #1	54	10.2	S	65	44	W	6	3	59			10				43	77				PD
V-15 Pebble Dredge #2	54	10	S	64	19	W	6	3	59			10				60	110				PD
V-15 Pebble Dredge #3	54	11.5	S	62	36	W	7	3	59			5				220	399				PD

51

STATION NO.	POSITION LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN	OUT	ATTENTION BOTTOM	CORE NO.	CAMERA SET.	HYDRO STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/°°	BOTTOM TEMP. °C	GEAR
V-15 PEBBLE DREDGE #4	54	10	S	63	20.2	W	7	3	59			10				155	284				PD
V-15 PEBBLE DREDGE #5	54	18	S	63	16	W	7	3	59			10				107	196				PD
V-15 PEBBLE DREDGE #6	54	53.7	S	67	50.6	W	9	3	59			15				117	216				PD
V-15 PEBBLE DREDGE #7	54	52.9	S	67	57.3	W	9	3	59			10				120	221				PD
V-15 PEBBLE DREDGE #8	54	53.3	S	67	59	W	12	3	59			20				124	229				PD
V-15 PEBBLE DREDGE #9	56	28.1	S	66	56.4	W	13	3	59			5				221	406				PD
V-15 PEBBLE DREDGE #10	56	39.2	S	66	52.7	W	13	3	59			5				618	1137				PD
V-10 LDC 1	33	51	N	11	30	W	24	6	56							2352	4437				LDC
V-10 LDC 2	35	54	N	5	07.5	W	27	6	56							250	470				LDC

CUB 57

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

52

STATION NO.	LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO STA.	UNCORR. DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. °C	GEAR
										IN OUT										
V-10 LDC 3	40	58.5	N	10	46	E	7	7	56						570	1079				LDC
V-10 LDC 4	41	3.30	N	12	47	E	8	7	56						297	560				LDC
V-10 LDC 5	40	35	N	14	47.2	E	13	7	56						493	931				LDC
V-10 LDC 6	38	51	N	18	39	E	18	7	56						1230	2343				LDC
V-10 LDC 7	37	45	N	20	04	E	19	7	56						1695	3250				LDC
V-10 LDC 8	36	16	N	21	36	E	20	7	56						1830	3513				LDC
V-10 LDC 9	38	15	N	22	15.30	E	22	7	56						365	690				LDC
V-10 LDC 10	38	21.40	N	22	25.35	E	23	7	56						42	77				LDC
V-10 LDC 11	38	13	N	22	26.3	E	23	7	56						420	792				LDC

CUR 57

Name

Instructor

No. Experiment No.

Date

53

STATION NO.	LAT. °	'	N S	LONG. °	'	E W	DAY	MONTH	YEAR	TIME IN OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY ‰	BOTTOM TEMP. 0°C	GEAR
V-10 LDC 12	36	52.3	N	23	31.3	E	28	7	56			39			270	518				LDC
V-10 LDC 13	37	40.8	N	23	45.9	E	31	7	56			42			109	209				LDC
V-10 LDC 14	38	23	N	25	31	E	1	8	56			44			425	818				LDC
V-10 LDC 15	36	05	N	26	50.2	E	4	8	56			49			616	1185				LDC
V-10 LDC 16	35	57.45	N	27	04.45	E	4	8	56			50			1335	2589				LDC
V-10 LDC 17	32	48	N	29	37	E	6	8	56			54			1283	2447				LDC
V-10 LDC 18	33	21.5	N	28	25	E	9	8	56						1626	3113				LDC
V-10 LDC 19	36	00	N	28	47.5	E	15	8	56						2304	4451				LDC
V-10 LDC 20	34	19	N	26	53.3	E	16	8	56						1303	2531				LDC

Name ..... No. ..... Experiment No. .....

Instructor ..... Date .....

CUS 57

54

STATION NO.	LAT. ° ' N/S	LONG. ° ' E/W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE NO.	CAMERA STA.	HYDRO. STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. 0°C	GEAR
V-10 LDC 21	34 07 N	26 19 E	16	8	56				63			1660	3180				LDC
V-10 LDC 22	34 23.3 N	24 06.15 E	17	8	56				64			1140	2171				LDC
V-10 LDC 23	34 37 N	23 25 E	17	8	56				65			1430	2732				LDC
V-10 LDC 24	35 42 N	20 43 E	18	8	56				67			1521	2908				LDC
V-10 LDC 25	36 54.5 N	17 57 E	19	8	56				68			1835	3524				LDC
V-10 LDC 26	37 33 N	16 35.3 E	19	8	56				70			1300	2476				LDC
V-10 LDC 27	39 07.5 N	15 10.3 E	20	8	56				71			NOT AVAILABLE	—				LDC
V-10 & Rock Dredge 1	39 30 N	14 50 E	13	7	56							81	148				Rock Dredge
V-10 Rock Dredge 2	39 18.5 N	14 28 E	13	7	56				21			NOT AVAILABLE	—				Rock Dredge

CUB 57

Name

Instructor

Date

No.

Experiment No.

STATION No.	LAT. ° ′ N S	LONG. ° ′ E W	DAY	MONTH	YEAR	TIME IN	TIME OUT	MINUTES ON BOTTOM	CORE No.	CAMERA STA.	HYDRO. STA.	UNCORRECTED DEPTH IN FATHOMS	CORRECTED DEPTH IN METERS	OXYGEN ML/LITER	SALINITY °/₀₀	BOTTOM TEMP. °C	GEAR
V-10 ROCK DREDGE 3	38 20.4 N	122 03.5 E	NOT AVAILABLE						25			190	357				ROCK DREDGE
V-18-107	39 05 S	144 09 E	24	7	62	Duration of Tow 5 min.						42					SBT

CUB 57

Name.....

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Instructor.....

Date.....